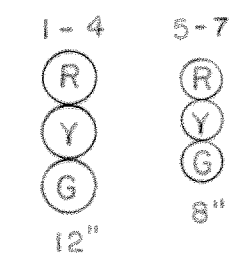
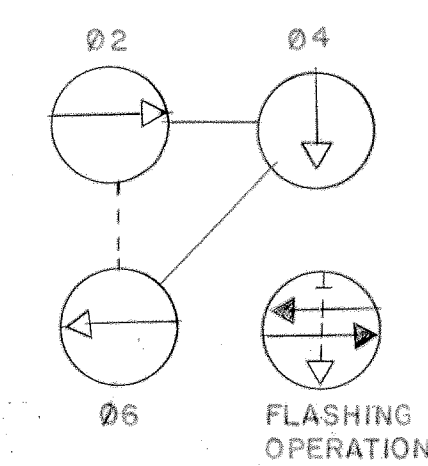


F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.		2	5

SIGNALS



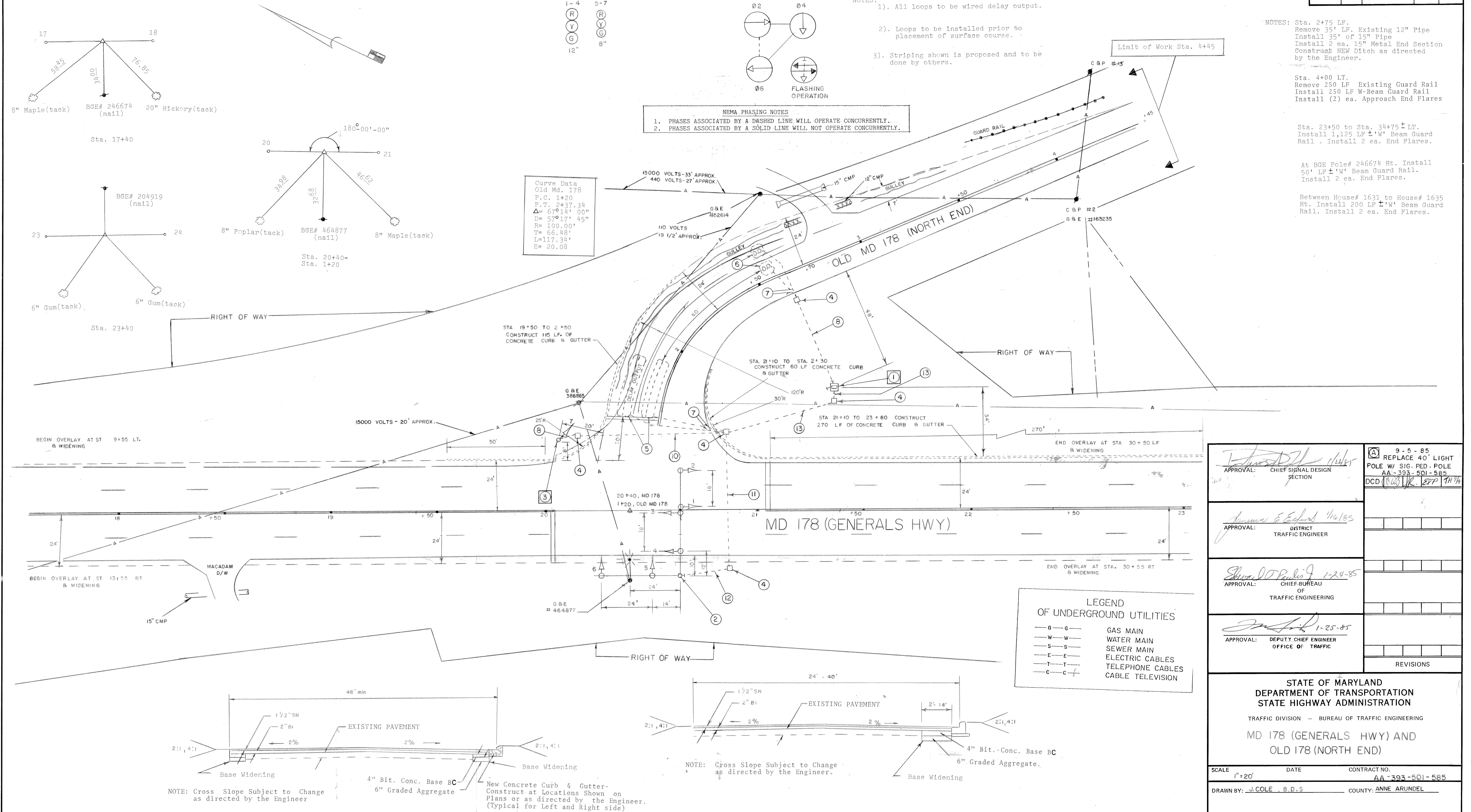
NEMA



- NOTES:
- 1). All loops to be wired delay output.
 - 2). Loops to be installed prior to placement of surface course.
 - 3). Striping shown is proposed and to be done by others.

- NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

Curve Data
Old Md. 178
P.C. 1+20
P.T. 2+37.34
 $\Delta = 67^{\circ}14'00''$
 $D = 57^{\circ}17'45''$
 $R = 100.00'$
 $T = 66.48'$
 $L = 117.34'$
 $E = 20.08'$



NOTES: Sta. 2+75 LF.
Remove 35' LF. Existing 12" Pipe
Install 35' of 15" Pipe
Install 2 ea. 15" Metal End Section
Construct NEW Ditch as directed
by the Engineer.

Sta. 4+00 LT.
Remove 250 LF Existing Guard Rail
Install 250 LF W-Beam Guard Rail
Install (2) ea. Approach End Flares

Sta. 23+50 to Sta. 34+75 LT.
Install 1,125 LF \pm W' Beam Guard
Rail. Install 2 ea. End Flares.

At BGE Pole# 246674 Rt. Install
50' LF \pm W' Beam Guard Rail.
Install 2 ea. End Flares.

Between House# 1631 to House# 1635
Rt. Install 200 LF \pm W' Beam Guard
Rail. Install 2 ea. End Flares.

APPROVAL: CHIEF SIGNAL DESIGN SECTION	9-5-85 REPLACE 40' LIGHT POLE W/ SIG. PED. POLE AA-393-501-565 DCD [Signature] [Signature] [Signature]
APPROVAL: DISTRICT TRAFFIC ENGINEER	
APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING	
APPROVAL: DEPUTY CHIEF ENGINEER OFFICE OF TRAFFIC	
REVISIONS	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
TRAFFIC DIVISION - BUREAU OF TRAFFIC ENGINEERING
MD 178 (GENERALS HWY) AND
OLD 178 (NORTH END)

SCALE 1"=20' DATE 1-24-85 CONTRACT NO. AA-393-501-565

DRAWN BY: J. COLE, B.D.S. COUNTY: ANNE ARUNDEL

DESIGNED BY: DCD SIGNAL NO.: 02023

CHECKED BY: [Signature] 1/1/85 DRAWING NO. TS-2038A

TYPICAL SECTION MD. RTE. 178

SCALE 3/16"=1'-0"

TYPICAL SECTION
OLD MD. RTE. 178